

31 January 1964

MEMORANDUM FOR THE RECORD

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1. SUBJECT: PAR (Unassigned), Contract , Auto-Focus System STAT
2. REFERENCES: a. Conference at P&DS 23 January 1964
b. Scheduled Conference at 3, 4 February 1964. STAT
3. ACTION REQUIRED: Determination of feasibility of subject development under Contract. STAT
4. ACTION TAKEN: During the conference, reference a., arrangements were made for discussion (reference b.) of the general objectives of the proposed development. The general concept is recorded below.
- a. A system is needed to provide continuous focus on equipment having variable conjugate optical trains.
- b. The auto-focus system is to be highly-versatile, implying a focus sensing/servo-control loop.
- c. The major area for application of this system is on devices such as rear projecting viewers, reflecting projectors and the like; consequently, precision focus would not be required.
- d. A secondary requirement exists for precision instruments, such as enlargers, microscopes, etc.
- e. The system should serve two purposes:
- (1). To maintain focus while magnification is being varied.
- (2). To maintain focus while scanning.

6. COPIES FURNISHED:

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Technical Representative

Declass Review by NIMA/DOD